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ADMINISTRATIVE RECORD INDEX

for the

PETROLEUM PRODUCTS CORP NPL Site

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1.0 PRE-REMEDIAL

1.8 Preliminary Assessment Documents

- Frame #: 0001-1. Memorandum from Richard Ferrazzuolo, EPA Region IV to Wayne Mathis, EPA Region IV (March 3, 1980). Concerning a tentative disposition made to take further investigative action at Pembroke Park Warehouse, Hallandale, Florida.
- 0003-2. "Potential Hazardous Waste Site - Preliminary Assessment," Form, Eric Nuzie, EPA Region IV (July 27, 1984).
- 0010-3. "Preliminary Assessment of Free Oil Contamination at the Petroleum Products Site - Pembroke Park, Florida," Environmental Science & Engineering, Inc (December 19, 1984).

2.0 REMOVAL RESPONSE

2.8 Removal Response Reports

- 0037-1. Letter from Porter Knowles, Dames & Moore to Jerry Stern, Young, Stern & Tannenbaum (June 24, 1985). Concerning status of site cleanup activities at Pembroke Pines, Florida.
- 0041-2. Memorandum from Norton Jessup, EPA Region IV to Jerry Blair, EPA Region IV (November 27, 1985). Concerning the closure report for the Responsible Party cleanup at the Pembroke Road Site conducted by Petroleum Products Corporation of Hallandale, Florida.

3.0 REMEDIAL INVESTIGATION (RI)

3.2 Sampling and Analysis Data (cont'd.)

1. Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV, Environmental Services Division, Athens, Georgia. Such Documentation will be made available for review upon request sent to the Remedial Project Manager for the Petroleum Products Corporation Site, Region IV, EPA Region, 345 Courtland Street, Atlanta, Georgia 30365, 404/347-2643 (DATE UNKNOWN).
2. Cross-Reference: Letter from Dora Ann Danner, EPA Region IV, to Phil Crotwell, Bechtel Environmental, Inc. (June 11, 1990). Concerning comments to the draft Health and Safety Plan and the draft Field Sampling Plan. [Filed and cited as entry number 5 in 3.8 REMEDIAL INVESTIGATION (RI) - Interim Deliverables]

0050- "Field Sampling Plan For The Supplemental Remedial Investigation/Feasibility Study for the Petroleum Products Corp. Site," Bechtel Environmental, Inc. (August 1990).

3.4 Work Plans and Progress Reports

- 0120-1. "Remedial Investigation/Feasibility Study Work Plan for Petroleum Products Corporation Site, Pembroke Park, Broward County, Florida," Ecology and Environment, Inc. (April 28, 1986).
- 0165-2. Comments from Greg Powell, EPA Region IV, to File (June 17, 1986). Concerning the April 28, 1986 "Remedial Investigation/Feasibility Study Work Plan for Petroleum Products Corporation Site, Pembroke Park, Broward County, Florida," Ecology and Environment, Inc.
- 0168-3. "Work Plan for Additional Fieldwork and Testing at the Petroleum Products Corporation Site, Pembroke Park, Broward County, Florida," Ecology and Environment, Inc. (December 1986). Note: Due to the CONFIDENTIAL nature of the material, Tables 3.3 through 3.7 of this document have been withheld. Withheld material is available, for Judicial Review only, at EPA Region IV, Atlanta, GA.

3.4 Work Plans and Progress Reports (cont'd.)

- 0196- 4. "Work Plan Memorandum - Remedial Investigation/Feasibility Study - Petroleum Products Corporation Site - Pembroke Park, Florida," Bechtel Environmental, Inc. (October 2, 1989).
- 0219- 5. Letter from Richard Rudy, Ecology and Environment, Inc. to Stephen Bedosky, State of Florida Department of Environmental Regulation (February 6, 1990). Concerning comments on the December 1989 "Work Plan for the Remedial Investigation/Feasibility Study at the Petroleum Products Corporation," Bechtel Environmental, Inc.
- 0227- 6. Letter from Steve Bedosky, State of Florida Department of Environmental Regulation to Dora Ann Danner, EPA Region IV (February 7, 1990). Concerning comments on the December 1989 "Work Plan for the Remedial Investigation/Feasibility Study at Petroleum Products Corporation," Bechtel Environmental, Inc.
- 0234- 7. "WorkPlan For Soil Washing And Leaching Study - Petroleum Products Corporation Site - Pembroke Park, Florida," Ecology and Environment (April 1990). Note: Due to the CONFIDENTIAL nature of the material, Table 3.1 of this document has been withheld. Withheld material is available, for Judicial Review only, at EPA Region IV, Atlanta, GA.
- 0275- 8. "Work Plan for the Supplemental Remedial Investigation/Feasibility Study for the Petroleum Products Corporation Site," Bechtel Environmental, Inc. (May 1990).

3.7 Applicable or Relevant and Appropriate Requirements (ARARs)

- 0349- 1. Letter from Nancy Gurlie, State of Florida Department of Environmental Regulation to Galo Jackson, EPA Region IV (February 19, 1992). Concerning a list of Potential Applicable or Relevant and Appropriate Requirements (ARARs) for the Petroleum Products Corporation Site.

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3.8 Interim Deliverables

- 0359 - 1. "Quality Assurance Project Plan (QAPP) Remedial Investigation/Feasibility Study for Petroleum Products Corporation Site - Pembroke Park, Broward County, Florida," Ecology & Environment, Inc. (May 1986).

3.8 Interim Deliverables (cont'd.)

- 0463- 2. "Quality Assurance Project Plan (QAPP) - Additional Fieldwork/Treatability Study - For Petroleum Products Corporation Site, - Pembroke Park, Broward County, - Florida," Ecology and Environment, Inc. (January 1987).
- 0565- 3. "Data Management Plan For The Remedial Investigation/ Feasibility Study at Petroleum Products Corporation," Bechtel Environmental, Inc. (December 1989).
- 0584- 4. "Quality Assurance Project Plan For The Remedial Investigation/Feasibility Study at Petroleum Products Corporation," Bechtel Environmental, Inc. (December 1989).
- 0614- 5. Letter from Dora Ann Danner, EPA Region IV, to Phil Crotwell, Bechtel Environmental, Inc. (June 11, 1990). Concerning comments to the draft Health and Safety Plan and the draft Field Sampling Plan.
- 0617- 6. "Site-Specific Health And Safety Plan For The Petroleum Products Corp. Site," Bechtel Environmental, Inc. (August 1990).
7. Cross-Reference: "Emergency Response and Contingency Plan for the Petroleum Products Corporation Site," Bechtel Environmental, Inc. [Filed in Appendix A of entry number 6 in 3.8 REMEDIAL INVESTIGATIONS - Interim Deliverables] (August 9, 1990).
- 0677- 8. "Site Analysis Petroleum Products Corp./Pembroke Road Study Area, Hallandale, Florida," U.S. EPA - Environmental Monitoring Systems Laboratory (December 1990). Concerning analysis of aerial photography of the Petroleum Products Corporation Site and the Pembroke Road Study Area.
- 0692- 9. Memorandum from Steve Hall, EPA Region IV - Environmental Services Division to Galo Jackson, EPA Region IV (July 11, 1991). Concerning the transmittal of the results of a technical systems audit performed at the Petroleum Products Corporation Site to observe and evaluate the technique used to collect ground water samples.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 0701- 1. Memorandum from Gail Mitchell, EPA Region IV to Meredith Anderson, EPA Region IV (January 5, 1988). Comments on the review of the final Remedial Investigation report for the Petroleum Products Corporation Site, Pembroke Park, Florida.
- 0703- 2. "Remedial Investigation Of Petroleum Products Corporation Site - Volume I," Ecology and Environment, Inc. (March 1988).
- 0897- 3. "Remedial Investigation Of Petroleum Products Corporation - Site - Volume 2 - Appendices," Ecology and Environment, Inc. (March 1988).
- VOL. 3
- 1132- 4. Letter from Galo Jackson, EPA Region IV, to G. Phillip Crotwell, Bechtel Environmental, Inc (July 5, 1991). Concerning comments to Volume I of the Draft Supplemental Remedial Investigation for the Petroleum Products Corporation Site.
- 1152- 5. Letter from Galo Jackson, EPA Region IV, to G. Phillip Crotwell, Bechtel Environmental, Inc (July 22, 1991). Concerning comments to Appendices A through I of the Draft Supplemental Remedial Investigation for the Petroleum Products Corporation Site.
- 1157- 6. "Remedial Investigation Report For The Petroleum Products Corp. Site - Volume I - Report," Bechtel Environmental, Inc. (January 1992).
- 1303- 7. "Remedial Investigation Report For The Petroleum Products Corp. Site - Volume II - Appendices A - C," Bechtel Environmental, Inc. (January 1992).
- VOL. 4
- 1483- 8. "Remedial Investigation Report For The Petroleum Products Corp. Site - Volume III - Appendix D," Bechtel Environmental, Inc. (January 1992).
- 1751- 9. "Remedial Investigation Report For The Petroleum Products Corp. Site - Volume IV - Appendixes E - I," Bechtel Environmental, Inc. (January 1992).
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- 0124-10. Letter from Galo Jackson, EPA Region IV to John Duncan, Bechtel Environmental, Inc. (January 2, 1992). Concerning comments on the revised Draft Supplemental Remedial Investigation Report for the Petroleum Products Corporation Site.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 0135- 11. Memorandum from Steve Hall, EPA Region IV - Environmental Services Division to Galo Jackson, EPA Region IV (February 3, 1992). Concerning comments on their review of Field Blank Data for Petroleum Products Corporation.

3.11 Health Assessments

- 0138- 1. "Health Assessment for Petroleum Products Company Site - Cerclis No. FLD980798698 - Broward County - Pembroke Park, Florida," Agency for Toxic Substances and Disease Registry (April 24, 1989).

3.12 Endangerment Assessments

- 0156- 1. Letter from Galo Jackson, EPA Region IV to John Duncan, Bechtel Environmental, Inc. (April 20, 1992). Concerning comments on the Baseline Risk Assessment for the Petroleum Products Corporation Site.

- 0176- 2. Letter from Galo Jackson, EPA Region IV to John Duncan, EPA Region IV (June 2, 1992). Concerning comments on the second Draft Baseline Risk Assessment for the Petroleum Products Corporation Site.

- L.5A 0179- 3. "Baseline Risk Assessment for the Petroleum Products Corporation Superfund Site - Pembroke Park, Florida," Clement International Corporation (June 17, 1992).

4.0 FEASIBILITY STUDY (FS)

4.2 Sampling and Analysis Data

1. Cross-Reference: "Field Sampling Plan For The Supplemental Remedial Investigation/Feasibility Study for the Petroleum Products Corp. Site," Bechtel Environmental, Inc. (August 1990). [Filed and cited as entry number 3 in 3.2 REMEDIAL INVESTIGATION (RI) - Sampling and Analysis Data]

4.4 Work Plans and Progress Reports

1. Cross-Reference: "Remedial Investigation/Feasibility Study Work Plan for Petroleum Products Corporation Site, Pembroke Park, Broward County, Florida," Ecology and Environment, Inc. (April 28, 1986). [Filed and cited as entry number 1 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

4.4 Work Plans and Progress Reports (cont'd.)

- 0568- 2. "Petroleum Products Corporation Site - Pembroke Park, Florida - Treatability Study Plan," PRC Environmental Management, Inc. (February 21, 1990).

4.8 Interim Deliverables

- 0606- 1. "Treatability Study Report For Petroleum Products Corporation Site," Kiber Associates, Inc. (January 18, 1991).
- 0720- 2. "Report Of The Soil Washing Treatability Study - Petroleum Products Corporation Site - Pembroke Park, Florida," Ecology and Environment, Inc. (May 1991).
- 0940- 3. Memorandum from Benjamin Blaney, EPA Office of Research and Development to Galo Jackson, EPA Region IV (June 26, 1992). Concerning the transmittal of the results of the treatability screening tests on the potential applicability of biodegradation and thermal desorption for the Petroleum Products Corporation Site.

4.9 Feasibility Study (FS) Reports

- vol. 6
- 0963- 1. "Feasibility Study - Petroleum Products Corporation Site - Volume I: Report," Ecology and Environment, Inc. (March 1988).
- vol. 7
- 1378- 2. "Feasibility Study - Petroleum Products Corporation Site Volume 2: Appendices," Ecology and Environment, Inc. (March 1988).
- 1571- 3. Letter from Meredith Anderson, EPA Region IV to Steve Bedosky, State of Florida Department of Environmental Regulation (April 11, 1988). Comments on the March 1988 "Feasibility Study - Petroleum Products Corporation Site," Ecology and Environment, Inc.
- 1576- 4. Memorandum from Dora Ann Danner, EPA Region IV to State of Florida Department of Environmental Regulation (December 20, 1989). Concerning EPA Region IV's Comments on the March 1988 "Feasibility Study - Petroleum Products Corporation Site," Ecology and Environment, Inc.
- 1582- 5. Memorandum from William O'Steen, EPA Region IV to Galo Jackson, EPA Region IV (February 18, 1992). Concerning soil remediation goals for the Petroleum Products Corporation Site.

4.9 Feasibility Study (FS) Reports (cont'd.)

- 1593- 6. Memorandum from William O'Steen, EPA Region IV to Galo Jackson, EPA Region IV (March 16, 1992). Concerning soil remediation goals for the Petroleum Products Corporation Site.
- 1603- 7. Letter from Galo Jackson, EPA Region IV to John Duncan, Bechtel Environmental, Inc. (May 4, 1992). Concerning comments on the Draft Supplemental Feasibility Study for the Petroleum Products Corporation Site.
- 1627- 8. Letter from Galo Jackson, EPA Region IV to John Duncan, Bechtel Environmental, Inc. (June 2, 1992). Concerning comments on the second Draft Supplemental Feasibility Study for the Petroleum Products Corporation Site.
- VOL. 8 1638- 9. "Supplemental Feasibility Study Report for the Petroleum Products Corporation Site - Pembroke Park, Broward County, Florida," Bechtel Environmental, Inc. (July 1992).

4.10 Proposed Plans for Selected Remedial Action

- 1961- 1. "Interim Action Proposed Plan Fact Sheet - Petroleum Products Corporation NPL Site - Broward County, Florida," EPA Region IV (July 1990).

5.0 RECORD OF DECISION (ROD)

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5.1 Correspondence

- 1981- 1. Memorandum from Galo Jackson, EPA Region IV to Debbie Jourdan, EPA Region IV (April 16, 1991). Concerning the issuance of an Explanation of Significant Differences for the Petroleum Products National Priorities List Site.

5.2 Responsiveness Summaries

- 1984- 1. "Responsiveness Summary Report - TES VIII Work Assignment No. C04019 - Community Relations - Petroleum Products Corporation Site - Pembroke Park, Florida," Dynamac Corporation (October 3, 1990).

5.9 Record of Decision (ROD)

- 1997- 1. "Interim Action Record of Decision," EPA Region IV (October 5, 1990). Concerning the Petroleum Products Corporation Site.

5.9 Record of Decision (ROD) (cont'd.)

- 2044- 2. "U.S. Environmental Protection Agency Superfund Program Explanation of Significant Differences Fact Sheet - Petroleum Products Corporation Superfund Site Pembroke Park, Broward County, Florida," EPA Region IV (March 13, 1991).

10.0 ENFORCEMENT

10.11 EPA Administrative Orders

- 2052- 1. Letter from Robert Smith, of Hopping, Boyd, Green, & Sams (Attorney for the Petroleum Products Corporation and Jerry Blair) to Charles Jeter, EPA Region IV (March 14, 1985). Concerning the transmittal of the Response of Petroleum Products Corporation and Jerry Blair, In the Matter of Petroleum Products Corporation - Hallandale, Florida and Jerry Blair, Respondents, Docket No. 85-06-C.
- 2064- 2. Administrative Order by Consent Proceeding under Section 106(a) of the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9606(a)(1980), In The Matter of: Petroleum Products Corporation, Hallandale, Florida, Respondent, Docket NO. 85-09-C (April 1, 1985).
- 2078- 3. Final Order - Petroleum Products Corporation Site, Petitioner, vs. State of Florida Department of Environmental Regulation (August 22, 1990).

13.0 COMMUNITY RELATIONS

13.6 Community Relations Plans

- 2119- 1. "Final Community Relations Plan - TES VIII Work Assignment NO. C04019 - Petroleum Products Corporation Site - Pembroke Park, Florida," Dynamac Corporation (June 4, 1990).

13.7 News Clippings and Press Releases

- 2155- 1. "Announcement of Availability of Explanation of Significant Differences for the Petroleum Products Corporation, Superfund Site, Pembroke Park, Broward County, Florida," EPA Region IV (DATE UNKNOWN).

13.8 Public Meetings

- 2157- 1. Meeting Notes, Petroleum Products Corporation NPL Site Public Meeting, EPA Region IV (August 14, 1990).

13.9 Fact Sheets (cont'd.)

- 2229- 1. "Superfund Fact Sheet - Petroleum Products Corporation Site - Hollywood, Florida," EPA Region IV (December 1989).
2. Cross-Reference: "Interim Action Proposed Plan Fact Sheet - Petroleum Products Corporation NPL Site - Broward County, Florida," EPA Region IV (July 1990). [Filed and cited as entry number 1 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
3. Cross-Reference: "U.S. Environmental Protection Agency Superfund Program Explanation of Significant Differences Fact Sheet - Petroleum Products Corporation Superfund Site Pembroke Park, Broward County, Florida," EPA Region IV (March 13, 1991). [Filed and cited as entry number 2 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]